

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 February 2005 (17.02.2005)

PCT

(10) International Publication Number  
**WO 2005/014220 A1**

(51) International Patent Classification<sup>7</sup>: **B23K 9/28, 9/32**

(21) International Application Number:

PCT/EP2004/007322

(74) Agent: MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, 20123 Milano (IT).

(22) International Filing Date: 5 July 2004 (05.07.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
PD2003U000058 15 July 2003 (15.07.2003) IT

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

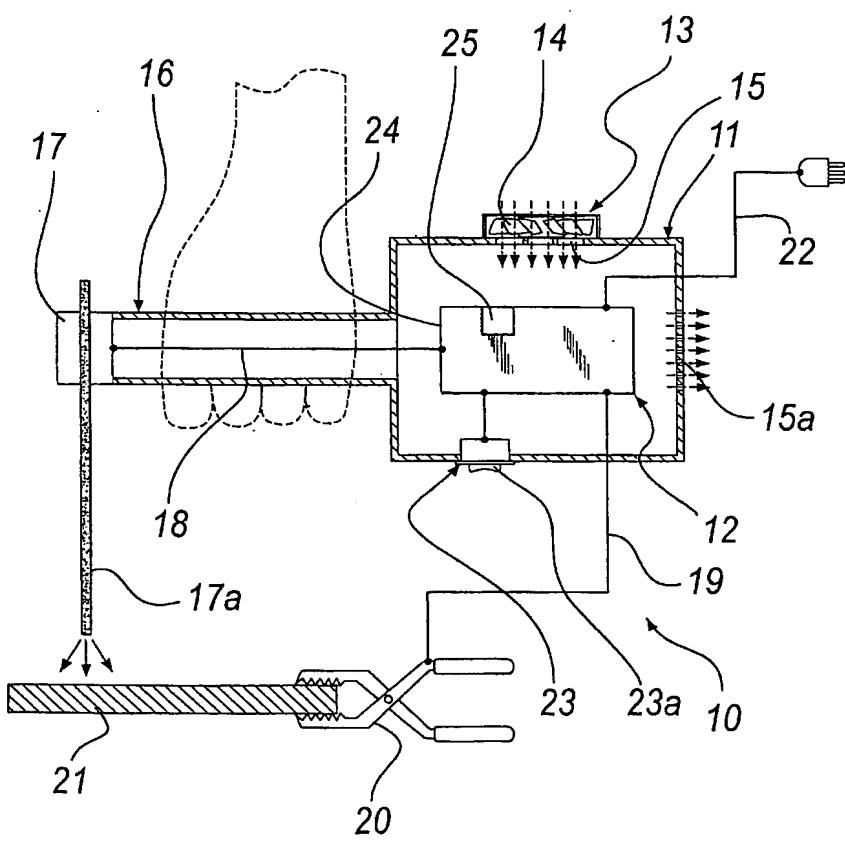
(71) Applicant (for all designated States except US): SELCO S.R.L. [IT/IT]; Via Palladio, 19, I-35019 Tombolo (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MELA, Franco [IT/IT]; Via Rolando, 101, I-35016 Piazzola sul Brenta (IT).

[Continued on next page]

(54) Title: PORTABLE WELDER GUN



(57) Abstract: A portable welder (10), comprising a box-like body (11) that contains a welding generator (12) associated with cooling means (13), the welding generator (12) being functionally connected to an electrode (17a) supporting clamp (17), to a ground clamp (20) and to an electric power supply system. A handle (16) for gripping and orienting the welder (10) protrudes from the box-like body (11); the electrode supporting clamp (17) is rigidly coupled to the free end of the handle (16).

WO 2005/014220 A1



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*